

## EAST Search History

| Ref # | Hits    | Search Query   | DBs                      | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|--------------------------|------------------|---------|---------------------|
| S1    | 1       | 10/634056  | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:23 |
| S2    | 1       | ("20020108306").PN   | US-PGFB;<br>USPAT        | OR               | OFF     | 2007/05/29<br>10:31 |
| S4    | 1       | (reformer same method same heat capacity).clm. and S5                              | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:32 |
| S5    | 4603183 | @ad<="20040316"  | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:32 |
| S7    | 1       | reformer.ti. and (method same heat capacity).clm. and S5                           | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:33 |
| S8    | 2       | reformer.ab. and (method same heat capacity).clm. and S5                           | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>15:45 |
| S9    | 0       | reformer.ab. and (method same heat capacity).clm. and S5 and heat of combustion    | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:35 |
| S10   | 0       | reformer.ab. and (method same heat capacity).clm. and S5 and "heat of combustion"  | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:35 |
| S11   | 1       | reformer.ab. and (method same heat capacity).clm. and S5 and heat near3 combustion | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:36 |
| S12   | 28      | reformer.ab. and (method same heat near3 combustion).clm. and S5                   | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:39 |
| S13   | 5       | reformer.ti. and (method same heat near3 combustion).clm. and S5                   | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:36 |
| S14   | 24      | reformer.ab. and (method same heat near2 combustion).clm. and S5                   | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>10:39 |
| S15   | 21      | reformer.ab. and (method same heat near2 combustion).clm. and S5 not S13           | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>13:15 |
| S16   | 9       | reformer.ti. and heat near2 combustion and heat capacity and control\$4            | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>11:59 |
| S17   | 8       | reformer.ti. and heat near2 combustion and heat capacity and control\$4 and S5     | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>12:01 |
| S18   | 0       | "heat of combustion"   | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>12:01 |
| S19   | 18      | reformer.ab. and (method same heat adj2 combustion).clm. and S5 not S13            | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>13:16 |
| S20   | 9       | reformer.ab. and (method same heat adj1 combustion).clm. and S5 not S13            | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>13:16 |
| S21   | 9       | reformer.ab. and (method same heat adj combustion).clm. and S5 not S13             | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>14:25 |
| S24   | 31      | (method same heat adj combustion).clm. and S5 and ("429" or "422" or "436"). clas. | US-PGFB;<br>USPAT; USOCR | ADJ              | ON      | 2007/05/29<br>13:22 |
| S25   | 0       | (method same heat adj combustion).clm. and S5 and ("429" or "422" or "436"). clas. | FPRS; EPO; JPO           | ADJ              | ON      | 2007/05/29<br>15:45 |
| S26   | 44      | heat adj combustion and reformer   | FPRS; EPO; JPO           | ADJ              | ON      | 2007/05/29<br>13:24 |

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|-----|-----|--|---------------------------|-----|-----|---------------------|
| S27 | 0   | jp-200526059-\$.did.   | DERWENT                   | ADJ | ON  | 2007/05/29<br>13:26 |
| S28 | 1   | jp-2003190115-\$.did.  | DERWENT                   | ADJ | ON  | 2007/05/29<br>13:26 |
| S29 | 3   | (method same heat adj combustion same heat capacity).clm. and S5   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>14:27 |
| S30 | 4   | (heat combustion same heat capacity).clm. and S5   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>14:54 |
| S31 | 1   | ("20020071974").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/05/29<br>15:05 |
| S32 | 0   | heat and combustion and S31  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>14:56 |
| S33 | 2   | 09/450778  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>15:05 |
| S34 | 0   | (method same specific heat).clm. and S5 and ("429" or "422" or "436").clas.  | FPRS; EPO; JPO            | ADJ | ON  | 2007/07/30<br>12:43 |
| S35 | 0   | reformer.ab. and (method same specific heat).clm. and S5   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>15:46 |
| S37 | 34  | (determin\$4 same heat same (burn\$4 or combust\$4)).clm. and ("429" or "422" or "436").clas. and S5   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:13 |
| S38 | 2   | (determin\$4 same heat same (burn\$4 or combust\$4) and (specific heat or heat capacity or specific heat capacity)).clm. and ("429" or "422" or "436").clas. and S5                            | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>15:48 |
| S39 | 1   | fuel and reformer and electronic control and heat combustion and flow rate and (heat capacity or specific heat or specific heat capacity) and (catalyst or catalytic) and mass and temperature | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>15:57 |
| S41 | 26  | determin\$4 with heat with (burn\$4 or combust\$4) and (specific heat or heat capacity) and ("429" or "422" or "436").clas. and S5 not S37   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:15 |
| S43 | 3   | determin\$4 same heat same (burn\$4 or combust\$4) same (specific heat or heat capacity) and ("429" or "422" or "436").clas. and S5 not S37 and reformer                                       | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:18 |
| S47 | 84  | (burn\$4 or combust\$4) and (specific heat or heat capacity) and ("429" or "422" or "436").clas. and S5 and reformer and control not S37 not S43 and (method or computer)                      | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:28 |
| S48 | 0   | measur\$4 with (specific heat or heat capacity) and "429".clas. and S5 and reformer and control not S37 not S43 and (method or computer).clm.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:30 |
| S49 | 2   | measur\$4 with (specific heat or heat capacity) and "429".clas. and S5 and reformer and control  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:36 |
| S50 | 669 | (436/55).CCLS.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/05/29<br>16:31 |
| S52 | 12  | S50 and S5 and reformer  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:32 |

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| S54 | 15      | (specific heat or heat capacity) and heat combustion and "429".clas. and S5 and reformer and control   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:45 |
| S55 | 8       | ((("20020081470") or ("7101531") or ("20020031458") or ("20040028964") or ("6602624") or ("20020071974") or ("6613465") or ("6436561")).PN.  | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/05/29<br>16:46 |
| S56 | 8       | (US-20020081470-\$ or US-20020031458-\$ or US-20020071974-\$ or US-20040028964-\$).did. or (US-6602624-\$ or US-6613465-\$ or US-7101531-\$ or US-6436561-\$).did.   | US-PGRUB;<br>USPAT        | ADJ | ON  | 2007/05/29<br>16:47 |
| S57 | 3       | S56 and (specific heat or heat capacity) and heat combustion   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/29<br>16:47 |
| S58 | 25      | determin\$4 with heat combustion and determin\$4 with (heat capacity or specific heat)   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>10:32 |
| S59 | 20      | determin\$4 with heat combustion and determin\$4 with (heat capacity or specific heat) and @ad<="20040316"   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>10:55 |
| S60 | 4603183 | @ad<="20040316"  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>10:33 |
| S62 | 2       | ((("6095793") or ("4731989")).PN.  | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/05/30<br>10:41 |
| S63 | 1       | ("5486107").PN.  | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/05/30<br>10:50 |
| S64 | 12      | (US-20040028964-\$ or US-20020081470-\$ or US-20020071974-\$ or US-20020031458-\$ or US-20060123892-\$ or US-20060005526-\$).did. or (US-7101531-\$ or US-6613465-\$ or US-6602624-\$ or US-6436561-\$ or US-6095793-\$ or US-5486107-\$).did. | US-PGRUB;<br>USPAT        | ADJ | ON  | 2007/05/30<br>10:53 |
| S65 | 3       | determin\$4 with heat combustion and determin\$4 with (heat capacity or specific heat) and S64   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>11:04 |
| S66 | 2       | ((("4956793") or ("4944035")).PN.  | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/05/30<br>10:55 |
| S67 | 26      | measur\$4 with heat combustion and measur\$4 with (heat capacity or specific heat) and @ad<="20040316"   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>10:56 |
| S68 | 25      | measur\$4 with heat combustion and measur\$4 with (heat capacity or specific heat) and @ad<="20040316" not S64   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>10:56 |
| S69 | 1       | determin\$4 with fuel combustion time  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>11:06 |
| S70 | 2       | (measur\$4 or calculat\$4 or determin\$4) with fuel combustion time  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>11:06 |
| S73 | 137     | (measur\$4 or calculat\$4 or determin\$4) with combustion time and S60 not S70 and (reformer or catalyst or fuel or "429".clas.)   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>11:20 |
| S74 | 137     | S73 not S64  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>11:08 |
| S75 | 13      | (calculat\$4 or determin\$4) with combustion time and S60 not S70 and (specific heat or heat capacity)   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/30<br>12:32 |

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|-----|-------|--|------------------------|------|----|------------------|
| S76 | 5     | (calculat\$4 or determin\$4) with combustion period and S60 not S70 and (specific heat or heat capacity) not S75   | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 11:50 |
| S77 | 0     | "delta t" and S75  | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 11:57 |
| S78 | 14    | (US-20040028964-\$ or US-20020081470-\$ or US-20020071974-\$ or US-20020031458-\$ or US-20060123892-\$ or US-20060005526-\$ or US-20010022166-\$).did. or (US-7101531-\$ or US-6613465-\$ or US-6602624-\$ or US-6436561-\$ or US-6095793-\$ or US-5486107-\$ or US-6994077-\$).did. | US-PGPUB; USPAT        | ADJ  | ON | 2007/05/30 12:04 |
| S80 | 9     | heat combustion and S78  | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:04 |
| S81 | 9     | heat combustion and S78 and (time or interval)   | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:05 |
| S82 | 8     | heat combustion and S78 and (time or interval) and (specific heat or heat capacity)  | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:06 |
| S83 | 0     | heat combustion and S78 and (time or interval) and (specific heat or heat capacity) and latent   | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:05 |
| S84 | 3     | heat combustion and S78 and (time or interval) with (measur\$4 or calculat\$4) and (specific heat or heat capacity)  | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:06 |
| S86 | 3     | (determin\$4 or calculat\$4) and combustion (time or interval) and (specific heat or heat capacity or heat combustion)   | FPRS; EPO; JPO         | ADJ  | ON | 2007/05/30 12:09 |
| S87 | 8     | combustion (time or interval or time interval) and "429".clas.   | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:27 |
| S89 | 62    | combustion (time or interval or time interval) and "422".clas.   | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:30 |
| S91 | 24098 | (determin\$4 or calculat\$4) with combustion (time or interval or time interval) and "422".clas. or "436".clas. and control  | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:29 |
| S94 | 1     | (determin\$4 or calculat\$4) with combustion (time or interval or time interval) and ("422".clas. or "436".clas.) and control and (specific heat or heat capacity) and heat combustion   | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:29 |
| S95 | 11    | (determin\$4 or calculat\$4) with combustion (time or interval or time interval) and ("422".clas. or "436".clas.)  | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:31 |
| S96 | 64    | combustion (time or interval or time interval) and ("422".clas. or "436".clas.)  | US-PGPUB; USPAT; USOCR | ADJ  | ON | 2007/05/30 12:30 |
| S97 | 15    | (determin\$4 or calculat\$4) with combustion (time or interval or time interval) and ("422".clas. or "436".clas.)  | US-PGPUB; USPAT; USOCR | NEAR | ON | 2007/05/30 12:31 |
| S98 | 0     | (determin\$4 or calculat\$4) with combustion (time or interval or time interval) and ("422".clas. or "436".clas.) not S97  | US-PGPUB; USPAT; USOCR | NEAR | ON | 2007/05/30 12:31 |

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| S99  | 4       | (determin\$4 or calculat\$4) with combustion (time or interval or time interval) and ("422".clas. or "436".clas.) not S95  | US-PGPUB;<br>USPAT; USOCR | NEAR | ON  | 2007/05/30<br>12:31 |
| S100 | 10      | (calculat\$4 or determin\$4) with combustion near (time or interval or time interval) and S60 not S70 and (specific heat or heat capacity) not S75   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>12:53 |
| S104 | 76      | "700".clas. and reformer   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>16:42 |
| S106 | 30      | "702".clas. and reformer   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>16:42 |
| S108 | 1185    | "423".clas. and reformer   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>16:42 |
| S110 | 4603183 | @ad<="20040316"  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>16:42 |
| S111 | 0       | S104 and S106 and S108 and S110  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>16:43 |
| S112 | 930     | (S104 or S106 or S108) and S110  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>16:43 |
| S113 | 568     | S112 and control   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>16:43 |
| S114 | 393     | S113 and combustion  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/30<br>16:43 |
| S119 | 17      | S114 and (specific heat or heat capacity) and heat combustion and (catalytic or catalyst)  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:09 |
| S120 | 76      | "700".clas. and reformer   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:09 |
| S121 | 30      | "702".clas. and reformer   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:09 |
| S122 | 1187    | "423".clas. and reformer   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:09 |
| S123 | 4603270 | @ad<="20040316"  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:09 |
| S124 | 0       | S120 and S121 and S122 and S123  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:09 |
| S125 | 25897   | (S120 or S121 or S122 or "429".clas.) and S123   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:10 |
| S126 | 2       | latent heat combustion and S125  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:10 |
| S127 | 14      | (US-20040028964-\$ or US-20020081470-\$ or US-20020071974-\$ or US-20020031458-\$ or US-20060123892-\$ or US-20060005526-\$ or US-20010022166-\$).did. or (US-7101531-\$ or US-6613465-\$ or US-6602624-\$ or US-6436561-\$ or US-6095793-\$ or US-5486107-\$ or US-6994077-\$).did. | US-PGPUB;<br>USPAT        | ADJ  | ON  | 2007/05/31<br>15:23 |
| S128 | 2       | latent and S127  | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>15:56 |
| S129 | 1       | ("6698387").PN.  | US-PGPUB;<br>USPAT        | OR   | OFF | 2007/05/31<br>16:07 |
| S130 | 3569    | ("73" or "123" or "422" or "423" or "429" or "700" or "722").clas. and S123 and reformer   | US-PGPUB;<br>USPAT; USOCR | ADJ  | ON  | 2007/05/31<br>16:08 |

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|------|---------|---|---------------------------|-----|-----|---------------------|
| S131 | 207     | (specific heat or heat capacity) and S130   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:08 |
| S132 | 163     | S131 and control  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:08 |
| S133 | 153     | S132 and (catalyst or catalytic)  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:09 |
| S134 | 124     | S133 and combustion   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:09 |
| S135 | 120     | S134 not S127   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:09 |
| S136 | 36      | S135 and heat combustion  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:17 |
| S138 | 532     | 429/20.cls. and reformer  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:17 |
| S139 | 388     | S138 and combustion   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:17 |
| S140 | 286     | S139 and S123   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:18 |
| S141 | 223     | S140 and control  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:20 |
| S142 | 221     | S141 not S127   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:20 |
| S143 | 213     | S142 and temperature  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:20 |
| S144 | 25      | (heat capacity or specific heat) and S143   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:53 |
| S145 | 1       | S144 and "6887603".pn.  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:53 |
| S146 | 1       | S144 and "6887603".pn. and time   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/05/31<br>16:53 |
| S147 | 1       | ("2549720").PN.   | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/06/04<br>09:25 |
| S149 | 4603270 | @ad<="20040316"   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/04<br>09:27 |
| S150 | 146     | (specific heat or heat capacity) with catalyst and control and S149 and ("73" or "123" or "422" or "423" or "429" or "700" or "722").clas.  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/04<br>09:31 |
| S152 | 25      | (specific heat or heat capacity) with catalyst and control and S149 and ("73" or "123" or "422" or "423" or "429" or "700" or "722").clas. and reformer and temperature   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/04<br>09:32 |
| S153 | 18      | ((US-20060123892-\$ or US-20060005526-\$ or US-20040028964-\$ or US-20020081470-\$ or US-20020031458-\$ or US-20020071974-\$ or US-20010022166-\$).did. or (US-7101531-\$ or US-6602624-\$ or US-6994077-\$ or US-6613465-\$ or US-6436561-\$ or US-6095793-\$ or US-5486107-\$ or US-7082753-\$ or US-6887603-\$ or US-2549720-\$ or US-7025903-\$).did. | US-PGRUB;<br>USPAT        | ADJ | ON  | 2007/06/04<br>09:59 |
| S155 | 2       | latent heat and S153  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/04<br>10:00 |

|      |     |  |                           |     |     |                     |
|------|-----|--|---------------------------|-----|-----|---------------------|
| S156 | 3   | (specific heat or heat capacity) with catalyst and S153  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/04<br>11:47 |
| S157 | 1   | ("20020071974").FN   | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/06/07<br>15:30 |
| S158 | 1   | ("20050208664").FN   | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/06/08<br>10:15 |
| S159 | 1   | "kC.sub.CAT"   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/08<br>10:15 |
| S160 | 24  | "C.sub.CAT"  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/08<br>10:20 |
| S161 | 0   | "C.sub.CAT" and reformer   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/08<br>11:21 |
| S162 | 18  | "C.sub.m" and reformer   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/08<br>11:21 |
| S164 | 508 | 431/12.ccls. and @ad<="20040316"   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>09:46 |
| S165 | 1   | ("20020071974").FN   | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/06/22<br>09:46 |
| S166 | 1   | ("2002/0071974").URFN  | USPAT                     | ADJ | ON  | 2007/06/22<br>09:59 |
| S167 | 22  | (specific heat or heat capacity) and S164  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:02 |
| S168 | 2   | ((("4961348") or ("4944035"))).FN  | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/06/22<br>10:02 |
| S169 | 0   | ("2002/0081470").URFN  | USPAT                     | ADJ | ON  | 2007/06/22<br>10:04 |
| S170 | 472 | S164 and control   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:06 |
| S171 | 1   | ("20020170504").FN   | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/06/22<br>10:06 |
| S172 | 1   | ("6887603").FN   | US-PGRUB;<br>USPAT        | OR  | OFF | 2007/06/22<br>10:07 |
| S173 | 7   | ("4687491"   "5476375"   "5567390"  <br>"6497199"   "6627342"   "6706434").FN.<br>OR ("6887603").URFN  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:07 |
| S174 | 24  | (US-20020081470-\$ or US-20020071974-\$<br>or US-20020031458-\$ or US-<br>20040028964-\$ or US-20060123892-\$ or<br>US-20060005526-\$ or US-20010022166-\$<br>or US-20020170504-\$).did. or (US-<br>7025903-\$ or US-7101531-\$ or US-<br>6436561-\$ or US-6602624-\$ or US-<br>6613465-\$ or US-6887603-\$ or US-<br>7082753-\$ or US-2549720-\$ or US-<br>5486107-\$ or US-6095793-\$ or US-<br>6994077-\$ or US-4961348-\$ or US-<br>4944035-\$ or US-4408569-\$ or US-<br>7146801-\$ or US-4687491-\$).did | US-PGRUB;<br>USPAT        | ADJ | ON  | 2007/06/22<br>10:11 |
| S175 | 29  | S174 or S173   | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:25 |
| S176 | 1   | S175 and time.ab.  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:13 |
| S177 | 2   | S175 and tim\$4.ab.  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:14 |
| S178 | 53  | S170 and tim\$4.ab.  | US-PGRUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:16 |

|      |       |  |                           |     |     |                     |
|------|-------|--|---------------------------|-----|-----|---------------------|
| S179 | 54    | S170 and (tim\$4 or interval).ab.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:23 |
| S180 | 7     | control combustion time  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:35 |
| S181 | 1     | ("6994077").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/22<br>10:25 |
| S182 | 2     | ("6994077").URFN.  | USPAT                     | ADJ | ON  | 2007/06/22<br>10:25 |
| S183 | 9     | jp-6127846-\$ did. jp-03233162-\$ did. jp-07139416-\$ did. jp-08146935-\$ did. jp-10238395-\$ did. jp-11141386-\$ did. jp-11148410-\$ did. jp-11173201-\$ did. jp-200054889-\$ did. jp-2000234558-\$ did. jp-2000240797-\$ did. jp-2001123871-\$ did.  | DERWENT                   | OR  | ON  | 2007/06/22<br>10:29 |
| S186 | 6     | control combustion (tim\$4 or interval)  | FFRS; EPO; JPO            | ADJ | ON  | 2007/06/22<br>10:29 |
| S187 | 7     | control with combustion with (tim\$4 or interval) and (heat capacity or specific heat)   | FFRS; EPO; JPO            | ADJ | ON  | 2007/06/22<br>10:32 |
| S188 | 105   | 431/8.ccls. and @ad<="20040316"  | FFRS; EPO; JPO            | ADJ | ON  | 2007/06/22<br>10:42 |
| S192 | 11101 | "431".clas. and @ad<="20040316"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:44 |
| S193 | 54    | (control with combustion with (tim\$4 or interval)).ab. and S192   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:45 |
| S194 | 48    | (control with combustion with (tim\$4 or interval)).ab. and S192 not S179  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>10:45 |
| S195 | 12    | ("4145179").URFN.  | USPAT                     | ADJ | ON  | 2007/06/22<br>11:22 |
| S196 | 1     | ("6994077").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/22<br>11:35 |
| S197 | 1     | ("6887603").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/22<br>11:35 |
| S198 | 25    | (US-20020081470-\$ or US-2002071974-\$ or US-20020031458-\$ or US-20040028964-\$ or US-20060123892-\$ or US-20060005526-\$ or US-20010022166-\$ or US-20020170504-\$).did. or (US-7025903-\$ or US-7101531-\$ or US-6436561-\$ or US-6602624-\$ or US-6613465-\$ or US-6887603-\$ or US-7082753-\$ or US-2549720-\$ or US-5486107-\$ or US-6095793-\$ or US-6994077-\$ or US-4961348-\$ or US-4944035-\$ or US-4408569-\$ or US-7146801-\$ or US-4687491-\$).did. or (JP-2002122018-\$).did. | US-PGPUB;<br>USPAT; JPO   | ADJ | ON  | 2007/06/22<br>11:50 |
| S199 | 13    | S198 and (heat capacity or specific heat) and catalyst   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>11:52 |
| S200 | 2     | 10/143835  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>11:58 |
| S201 | 1     | ("6887603").URFN.  | USPAT                     | ADJ | ON  | 2007/06/22<br>11:52 |



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|------|-----|---|--------------------------|-----|-----|---------------------|
| S202 | 9   | ("20010032468"   "20020071975"   "20030019638"   "20030093950"   "6699609"   "6887603"   "6905327"   "6955860"   "6991663").PN.         | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>11:52 |
| S203 | 6   | ("4687491"   "5476375"   "5567390"   "6497199"   "6627342"   "6706434").PN.   | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>11:52 |
| S204 | 1   | ("20020150532").PN.   | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>11:58 |
| S205 | 11  | S198 and heat combustion  | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>12:03 |
| S206 | 1   | de-4118781-\$.did.  | DERWENT                  | ADJ | ON  | 2007/06/22<br>12:09 |
| S207 | 0   | 07/789411   | DERWENT                  | ADJ | ON  | 2007/06/22<br>12:09 |
| S208 | 21  | ("5486107").URFN.   | USPAT                    | ADJ | ON  | 2007/06/22<br>12:09 |
| S209 | 21  | ("5486107").URFN.   | USPAT                    | ADJ | ON  | 2007/06/22<br>12:10 |
| S210 | 11  | ("4359284"   "4944035"   "4956793"   "4961348"   "4993222"   "5177696"   "5187674"   "5220830"   "5235844"   "5303167"   "5311447").PN. | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>12:17 |
| S211 | 1   | ("5401162").PN.   | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>12:27 |
| S212 | 2   | ((("4961348") or ("4944035"))).PN.  | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>12:38 |
| S213 | 3   | ((("5486107") or ("20060123892") or ("20060005526"))).PN.   | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>12:38 |
| S214 | 3   | S213 and heat combustion  | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>12:44 |
| S215 | 3   | ((("20020150532") or ("20020170504") or ("20020071974"))).PN.   | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>12:44 |
| S216 | 3   | S215 and (specific heat or heat capacity)   | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>12:50 |
| S217 | 3   | ((("20020071974") or ("20060123892") or ("20020150532"))).PN.   | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>12:50 |
| S218 | 1   | S217 and solid oxide  | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>12:55 |
| S220 | 1   | ("6214066").PN.   | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>12:56 |
| S221 | 2   | ((("4115862") or ("4187542"))).PN.  | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>14:34 |
| S222 | 190 | 700/274. ocls.  | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:59 |
| S223 | 44  | S222 and (tim\$4 or interval).ab.   | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:34 |
| S224 | 42  | S222 and (tim\$4 or interval).ab. and @ad<="20040316"   | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:53 |
| S225 | 1   | ("20050208664").PN.   | US-PGFB;<br>USPAT        | OR  | OFF | 2007/06/22<br>14:54 |
| S226 | 0   | "T.sub.l+-intg."  | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:54 |
| S227 | 1   | "kC.sub.CAT"  | US-PGFB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:55 |

|      |     |   |                           |     |     |                     |
|------|-----|---|---------------------------|-----|-----|---------------------|
| S228 | 1   | "k.sub.MASS"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:56 |
| S229 | 24  | "C.sub.CAT"   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:56 |
| S230 | 0   | "C.sub.CAT" and "700".clas.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:56 |
| S231 | 0   | "C.sub.CAT" and "429".clas.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:56 |
| S232 | 0   | "C.sub.CAT" and "48".clas.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:56 |
| S233 | 0   | "C.sub.CAT" and "123".clas.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:57 |
| S234 | 0   | "C.sub.CAT" and "73".clas.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:57 |
| S235 | 100 | S222 not S223 and @ad<="20040316"   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/22<br>14:59 |
| S236 | 16  | joseph herz.in.   | US-PGPUB;<br>USPAT; USOCR | AND | ON  | 2007/06/22<br>15:45 |
| S237 | 1   | ("5567390").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/25<br>10:22 |
| S238 | 1   | ("5401162").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/25<br>10:22 |
| S239 | 1   | ("4941348").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/25<br>10:55 |
| S240 | 14  | ((("511972") or ("5518697") or<br>("5512250") or ("5425632") or<br>("5461864") or ("5405260") or<br>("5326253") or ("5281128") or<br>("5259754") or ("5258349") or<br>("5248489") or ("5248251") or<br>("5232357") or ("5183401"))).PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/25<br>11:02 |
| S241 | 1   | ("5486107").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/25<br>11:04 |
| S242 | 1   | ("5401162").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/25<br>11:13 |
| S243 | 1   | ("4944035").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/25<br>11:13 |
| S244 | 1   | ("4956793").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/06/25<br>11:14 |
| S245 | 32  | ("4359284"   "4944035"   "4956793"  <br>"4961348"   "4993222"   "5177696"  <br>"5187674"   "5220830"   "5235844"  <br>"5303167"   "5311447").PN. OR<br>("5486107").URFN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/06/25<br>11:15 |
| S246 | 28  | (US-20020081470-\$ or US-20040028964-\$<br>or US-20020170504-\$ or US-<br>20020071974-\$ or US-20020150532-\$ or<br>US-20020031458-\$ or US-20060005526-\$<br>or US-20060123892-\$ or US-<br>20010022166-\$).did. or (US-4187542-\$<br>or US-4115862-\$ or US-4257105-\$ or US-<br>3627287-\$ or US-6602624-\$ or US-<br>6436561-\$ or US-7082753-\$ or US-<br>7146801-\$ or US-2549720-\$ or US-<br>7101531-\$ or US-4408569-\$ or US-<br>4961348-\$ or US-4687491-\$ or US-<br>5486107-\$ or US-6095793-\$ or US- | US-PGPUB;<br>USPAT; JPO   | ADJ | ON  | 2007/06/25<br>11:20 |

|      |         |  |                        |     |     |                  |
|------|---------|--|------------------------|-----|-----|------------------|
|      |         | 4944035-\$ or US-6994077-\$ or US-5567390-\$) did. or (JP-2002122018-\$). did.                 |                        |     |     |                  |
| S247 | 11      | S246 and (specific heat or heat capacity) and catalyst   | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/06/25 11:21 |
| S248 | 5       | S246 and (specific heat or heat capacity) same catalyst  | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/06/25 11:54 |
| S249 | 1       | ("20020071974").PN   | US-PGRUB; USPAT        | OR  | OFF | 2007/06/25 12:08 |
| S250 | 1       | 10/801740  | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/06/25 12:08 |
| S251 | 1       | jp-58107427-\$ did.  | DERWENT                | ADJ | ON  | 2007/07/03 15:49 |
| S252 | 1       | jp-62017011-\$ did.  | DERWENT                | ADJ | ON  | 2007/07/03 15:51 |
| S253 | 1       | ("20030212484").PN.  | US-PGRUB; USPAT        | OR  | OFF | 2007/07/03 15:53 |
| S254 | 1       | ("6584429").PN.  | US-PGRUB; USPAT        | OR  | OFF | 2007/07/03 15:56 |
| S255 | 1       | ch-649606-\$ did.  | DERWENT                | ADJ | ON  | 2007/07/03 16:35 |
| S256 | 6       | ((("6446487") or ("4953512") or ("4118172") or ("4369803") or ("4833878") or ("5265635"))).PN. | US-PGRUB; USPAT        | OR  | OFF | 2007/07/16 13:59 |
| S257 | 0       | S256 and (heat capacity or specific heat or heat combustion) and catalyst                      | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/07/16 14:00 |
| S258 | 1       | S256 and (heat capacity or specific heat or heat combustion)                                   | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/07/16 14:00 |
| S259 | 4613192 | @ad< = "20040316"  | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/07/17 10:10 |
| S260 | 5081    | 431/2,7,8,11,212,89,90,170.ccls. or 73/23,2.ccls. and S259                                     | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/07/17 10:10 |
| S261 | 137     | S260 and (heat combustion or heat capacity or specific heat) and catalyst                      | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/07/17 10:11 |
| S262 | 18      | S260 and (heat combustion and (heat capacity or specific heat)) and catalyst                   | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/07/17 11:02 |
| S263 | 1       | ("4473622").PN.  | US-PGRUB; USPAT        | OR  | OFF | 2007/07/17 10:15 |
| S264 | 5       | ("2004/0043343").URPN.   | USPAT                  | ADJ | ON  | 2007/07/17 10:17 |
| S265 | 1       | ("20030101713").PN.  | US-PGRUB; USPAT        | OR  | OFF | 2007/07/17 10:41 |
| S266 | 3       | ((("20030101713") or ("20040043343") or ("6796129"))).PN.                                      | US-PGRUB; USPAT        | OR  | OFF | 2007/07/17 10:41 |
| S267 | 1       | S260 and heat combustion and (heat capacity or specific heat) and catalyst with mass and S266  | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/07/17 11:11 |
| S268 | 2       | S260 and (heat combustion and (heat capacity or specific heat)) and catalyst and S266          | US-PGRUB; USPAT; USOCR | ADJ | ON  | 2007/07/17 11:02 |

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|------|-----|---|---------------------------|-----|-----|---------------------|
| S269 | 40  | (US-20020170504-\$ or US-20020071974-\$ or US-20030212484-\$ or US-20020150532-\$ or US-20020081470-\$ or US-20040028964-\$ or US-20020031458-\$ or US-20060123892-\$ or US-20060005526-\$ or US-20010022166-\$ or US-20040043343-\$).did. or (US-6446487-\$ or US-4953512-\$ or US-5265635-\$ or US-4369803-\$ or US-4833878-\$ or US-6602624-\$ or US-6436561-\$ or US-4115862-\$ or US-7101531-\$ or US-7082753-\$ or US-7146801-\$ or US-2549720-\$ or US-4408569-\$ or US-4187542-\$ or US-4961348-\$ or US-5567390-\$ or US-4687491-\$ or US-6584429-\$ or US-4257105-\$ or US-3627287-\$ or US-5486107-\$ or US-4944035-\$ or US-6095793-\$ or US-6994077-\$ or US-7165393-\$ or US-6796129-\$).did. or (US-6488076-\$ or US-4930454-\$).did. or (JP-2002122018-\$).did. | US-PGPUB;<br>USPAT; JPO   | ADJ | ON  | 2007/07/17<br>11:11 |
| S271 | 6   | heat combustion and (heat capacity or specific heat) and catalyst with mass and S269  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>11:15 |
| S272 | 2   | heat combustion and (heat capacity or specific heat) and catalyst with mass and S266  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>12:05 |
| S273 | 3   | heat combustion and (heat capacity or specific heat) and S266   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:01 |
| S274 | 1   | computer and S266   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>12:23 |
| S275 | 0   | software and S266   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>12:23 |
| S276 | 3   | control and S266  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>12:48 |
| S277 | 439 | adiabatic flame temperature and S259  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>12:57 |
| S278 | 6   | adiabatic flame temperature same linear and S259  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>12:48 |
| S279 | 36  | heat combustion and (heat capacity or specific heat) and S259 and adiabatic flame temperature   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:05 |
| S280 | 44  | heat combustion and (heat capacity or specific heat) and S259 and adiabatic (flame or combustion) temperature   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>12:54 |
| S281 | 3   | heat combustion and (heat capacity or specific heat) and S259 and adiabatic (flame or combustion) temperature and linear and integral   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>12:50 |
| S282 | 1   | 10/801740   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:11 |
| S283 | 524 | adiabatic (combustion or flame) temperature and S259  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:00 |
| S284 | 1   | ("20030059728").PN.   | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/07/17<br>13:02 |
| S285 | 0   | heat combustion and (heat capacity or specific heat) and S284   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:01 |

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|------|-----|--|---------------------------|-----|-----|---------------------|
| S286 | 0   | (heat capacity or specific heat) and S284  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:01 |
| S287 | 202 | heat combustion and (heat capacity or specific heat) and S259 and ("422" or "436" or "73" or "429" or "48" or "431"). clas.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:08 |
| S289 | 709 | S287 or S283   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:09 |
| S290 | 291 | S287 or S283 and integral  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:16 |
| S291 | 2   | S287 and S283 and integral   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:09 |
| S293 | 0   | "y=m.times.+b"   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:11 |
| S295 | 2   | (S287 or S283) and integral with linear  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/17<br>13:17 |
| S297 | 34  | (determin\$4 same heat same (burn\$4 or combust\$4)).clm. and ("429" or "422" or "436").clas. and S296   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/19<br>11:34 |
| S298 | 1   | ("4614721").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/07/20<br>10:41 |
| S299 | 0   | mass with catalyst and S298  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/20<br>11:07 |
| S300 | 1   | mass and catalyst and S298   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/20<br>10:34 |
| S301 | 1   | heat combustion and (heat capacity or specific heat) and mass and catalyst and S298  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/20<br>10:36 |
| S302 | 1   | ("6505465").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/07/20<br>10:36 |
| S303 | 1   | ("6505465").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/07/20<br>10:41 |
| S304 | 0   | mass with catalyst and S302  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/20<br>11:07 |
| S305 | 1   | ("20030101713").PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/07/30<br>12:43 |
| S306 | 1   | mass with catalyst and S305  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>12:48 |
| S307 | 1   | mass with catalyst and heat combustion and (heat capacity or specific heat) and S305   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>15:02 |
| S308 | 1   | S305 and time  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>12:50 |
| S309 | 44  | (US-20020150532-\$ or US-20020071974-\$ or US-20020170504-\$ or US-20060005526-\$ or US-20040028964-\$ or US-20020081470-\$ or US-20020031458-\$ or US-20030212484-\$ or US-20030059728-\$ or US-20040043343-\$ or US-20060123892-\$ or US-20010022166-\$ or US-20030101713-\$).did. or (US-7101531-\$ or US-4115862-\$ or US-6436561-\$ or US-6602624-\$ or US-6505465-\$ or US-7082753-\$ or US-7146801-\$ or US-2549720-\$ or US-4408569-\$ or US-4187542-\$ or US-4961348-\$ or US-5567390-\$ or US- | US-PGPUB;<br>USPAT; JPO   | ADJ | ON  | 2007/07/30<br>15:02 |

|      |   |   |                           |     |     |                     |
|------|---|---|---------------------------|-----|-----|---------------------|
|      |   | 4687491-\$ or US-4614721-\$ or US-6584429-\$ or US-4257105-\$ or US-3627287-\$ or US-6446487-\$ or US-5265635-\$ or US-4953512-\$ or US-4833878-\$ or US-4369803-\$ or US-4930454-\$ or US-7165393-\$ or US-6488076-\$ or US-6796129-\$).did. or (US-5486107-\$ or US-4944035-\$ or US-6095793-\$ or US-6994077-\$).did. or (JP-2002122018-\$).did. |                           |     |     |                     |
| S310 | 7 | mass with catalyst and heat combustion and (heat capacity or specific heat) and S309  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>15:27 |
| S311 | 1 | S305 and (computer or control)  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>16:02 |
| S312 | 3 | ((("20030101713") or ("2002071974") or ("4930454"))).PN.  | US-PGPUB;<br>USPAT        | OR  | OFF | 2007/07/30<br>16:14 |
| S313 | 1 | fuel cell and S312  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>16:15 |
| S314 | 0 | solid oxide fuel cell and S312  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>16:15 |
| S315 | 0 | solid oxide and S312  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>16:15 |
| S316 | 1 | solid oxide and S309  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>16:20 |
| S317 | 3 | temperature and S312  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>17:02 |
| S318 | 1 | 10/801740   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2007/07/30<br>17:03 |
| S319 | 3 | ((("20020071974") or ("20030101713") or ("20020150532"))).PN.   | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2008/01/09<br>16:11 |
| S320 | 3 | S319 and time   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2008/01/09<br>16:11 |

8/26/2008 12:49:51 PM

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